

PTO/SB/08A (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number	10/564,902
Filing Date	June 15, 2006
First Named Inventor	William Patrick Hems
Art Unit	1621
Examiner Name	
Attorney Docket No.	JMYS-140US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-6,720,439-B1	04-13-2004	Ohkuma et al.	
	2	US-2003/0045727-A1	03-06-2003	Nakano et al.	
	3	US-2002/0095056-A1	07-18-2002	Cobley et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	4	EP-1 323 724-A2	07-02-2003	Kanto Kagaku Kabushiki Kaisha		<input type="checkbox"/>
	5	EP-1 146 037-A1	10-17-2001	Nippon Soda Co., Ltd.		<input type="checkbox"/>
	6	EP-1 134 226-A2	09-19-2001	Takasago International Corporation		<input type="checkbox"/>
	7	EP-0 718 265-B1	08-23-2000	NKK Corporation et al.		<input type="checkbox"/>
	8	JP-2003-104993-A	04-09-2003	Nagoya Industrial Science Research Institute		<input type="checkbox"/>
	9	JP-2002-284790-A	10-03-2002	Nippon Soda Co., Ltd.		<input checked="" type="checkbox"/>
	10	JP-11-189558-A	07-13-1999	Japan Science & Technology Corp. et al.		<input checked="" type="checkbox"/>
	11	WO-03/048173-A1	06-12-2003	Chirotech Technology Limited		<input type="checkbox"/>
	12	WO-01/74829-A1	10-11-2001	Chirotech Technology Limited		<input type="checkbox"/>
	13	WO-01/58843-A1	08-16-2001	Asahi Kasei Kabushiki Kaisha		<input type="checkbox"/>
	14	WO-99/24410-A1	05-20-1999	The Pennsylvania State University		<input type="checkbox"/>

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²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket No.

SHEET 2 of 2

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	15	EKKHARD LINDNER et al., "Supported organometallic complexes Part XXXV. Synthesis, characterization, and catalytic application of a new family of diamine(diphosphine)ruthenium(II) complexes," <i>Journal of Organometallic Chemistry</i> , Vol. 665 (2003), pp. 176-185.	<input type="checkbox"/>
	16	TAKESHI OHKUMA et al., "trans-RuH(η^1 -BH ₃)(binap)(1,2-diamine): A Catalyst for Asymmetric Hydrogenation of Simple Ketones under Base-Free Conditions," <i>J. Am. Chem. Soc.</i> , Vol. 124, No. 23, 2002, pp. 6508-6509.	<input type="checkbox"/>
	17	JANINE COSSY et al., "Ruthenium-catalyzed asymmetric reduction of 1,3-diketones using transfer hydrogenation," <i>Tetrahedron Letters</i> , Vol. 42 (2001), pp. 5005-5007.	<input type="checkbox"/>
	18	DENDUKURI NAGAMANI et al., "Pyrrolidyl Polyamines: Branched, Chiral Polyamine Analogues That Stabilize DNA Duplexes and Triplexes," <i>Organic Letters</i> , 2001, Vol. 3, No. 1, pp. 103-106.	<input type="checkbox"/>
	19	CHING-WEN LIN et al., "A highly efficient and stereospecific borane reduction of spiro[4.4]nonane-1,6-dione catalyzed by a chiral oxazaborolidine," <i>Tetrahedron Letters</i> , Vol. 41 (2000), pp. 4425-4429.	<input type="checkbox"/>
	20	JACQUELINE S. BARLOW et al., "New building blocks for efficient and highly diastereoselective polyol production—synthesis and utility of (<i>R'</i> , <i>R'</i> , <i>S</i> , <i>S</i>) and (<i>S'</i> , <i>S'</i> , <i>R</i> , <i>R</i>)-2,3-butane diacetal protected butane tetrol derivatives," <i>J. Chem. Soc., Perkin Trans. 1</i> , 1999, pp. 1627-1629.	<input type="checkbox"/>
	21	GEORGE H. P. ROOS et al., "Synthesis of novel C ₂ -symmetric ligands based on (<i>R</i> , <i>R</i>)- and (<i>S</i> , <i>S</i>)-diphenyl-1,3-propanediol," <i>Tetrahedron: Asymmetry</i> , Vol. 10 (1999), pp. 991-1000.	<input type="checkbox"/>
	22	TAKESHI OHKUMA et al., "BINAP/1,4-Diamine—Ruthenium(II) Complexes for Efficient Asymmetric Hydrogenation of 1-Tetralones and Analogues," <i>Organic Letters</i> , Vol. 6, No. 16, 2004, pp. 2681-2683.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

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Signature

/Joseph Kosack/

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01/28/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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